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January 31, 2006

From: Curtis A. Vock

Matter No.: 400646

To:	Company:	Fax Number:	Phone Number:
Mail Stop: Amendment, Attn: Examiner Dimyan	U.S. Patent Office	(571) 273-8300	

Number of Pages Transmitted (including this cover sheet): 8

Message:

Applicant(s) S. Brandon Keller, et al.

Examiner Magid Y. Dimyan

Serial No. 10/647,597

Group Art No. 2825

Filed August 25, 2003

Confirmation No. 2411

For System And Method For Determining  
Wire Capacitance For VLSI Circuit

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<b>CERTIFICATE OF FACSIMILE TRANSMISSION 37 CFR 1.8</b>			Matter No.
Applicant(s): S. Brandon Keller, et al.			100111221-1
Serial No.	Filing Date	Examiner	Group Art Unit
10/647,597	August 25, 2003	Madig Y. Dimyan	2825
Invention      System And Method For Determining Wire Capacitance For VLSI Circuit			
<p>I hereby certify that the following: Facsimile Cover Sheet (1 page); Transmittal Form (1 page); Replacement Information Disclosure Statement Transmittal (1 page in duplicate); Copy of Information Disclosure Statement, along with Form 1449 and Statement Under 37 CFR 1.97(e) filed on January 17, 2006 (3 pages); authorization to charge Deposit Account No. 12-0600 in the amount of \$180.00 for the late filing of Information Disclosure Statement; authorization to charge additional fees that may be required, or credit any overpayment, to Deposit Account No. 12-0600; are being sent via facsimile transmission to Mail Stop: Amendment, c/o the Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 31st day of January, 2006</p>			
<div style="text-align: right;">Janet Ridpath <small>Name of Transmitter</small></div>			
<div style="text-align: right;"> <small>Signature of Transmitter</small></div>			
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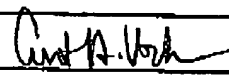
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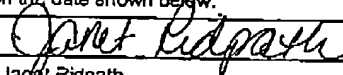
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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/647,597
	Filing Date	August 25, 2003
	First Named Inventor	S. Brandon Keller
	Art Unit	2825
	Examiner Name	Magid Y. Dimyan
	Attorney Docket Number	100111221-1
Total Number of Pages in This Submission		

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Replacement Information Disclosure Statement Transmittal Copy of Information Disclosure Statement Filed on January 17, 2006 with Statement Under 37 CFR 1.97(e) Certificate of Facsimile Facsimile Cover Sheet
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm	LATHROP & GAGE LC		
Signature			
Printed Name	Curtis A. Vock		
Date	January 31, 2006	Reg. No.	38,356

CERTIFICATE OF TRANSMISSION/MAILING			
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Signature			
Typed or printed name	Janet Ridpath	Date	January 31, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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NO. 2633 P. 4

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PATENT  
Attorney Docket No.: 100111221-1  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s)	S. Brandon Keller, et al.	Examiner	Magid Y. Dimyan
Serial No.	10/647,597	Group Art No.	2825
Filed	August 25, 2003	Confirmation No.	2411
For	System And Method For Determining Wire Capacitance For VLSI Circuit		

January 31, 2006

Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

REPLACEMENT INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

Dear Sir:

This Replace Information Disclosure Statement (IDS) is being filed under 37 CFR 1.97(d) together with the Statement under 37 CFR 1.97(e)(1) previously filed on 17 January 2006 and a \$180.00 fee set forth in 37 CFR 1.17(p).

In a telephone conversation on 25 January 2006 between Examiner Magid Dimyan and Curtis Vock, Examiner Dimyan discussed re-submitting this IDS in order to have it properly reviewed. The prior submitted IDS was filed with the appropriate statements and also provided permission to charge fees, if owed; and since a notice of allowance had issued, \$180 is in fact owed.

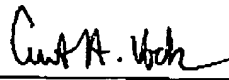
Therefore please charge to Deposit Account 08-2025 the sum of \$180.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25.

It is therefore requested that the information disclosed herein be made of record in this application.

Respectfully submitted,

LATHROP & GAGE LLC

02/01/2006 TL0111 00000050 002025 10647597  
01 FC:1806 180.00 DA

  
Curtis A. Vock, Reg. No. 38,356  
4845 Pearl East Circle, Suite 300  
Boulder, Colorado 80301  
Tel No: (720) 931-3017  
Fax No: (720) 931-3001

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LATHROP & GAGE

NO. 2633 P. 6

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P. O. Box 272400  
Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 100111221-1

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): S. Brandon Keller, et al.

Confirmation No.: 2411

Application No.: 10/647,597

Examiner: Magid Y. Dimyan

Filing Date: Aug. 25, 2003

Group Art Unit: 2825

Title: System And Method For Determining Wire Capacitance For VLSI Circuit

Mail Stop Amendment  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ( ) under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- (X) under 37 CFR 1.97 (c) together with either a:  
(X) Statement under 37 CFR 1.97(e), or  
( ) a \$180.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ( ) under 37 CFR 1.97 (d) together with a:  
( ) Statement under 37 CFR 1.97(e)(1) or (2), and  
( ) a \$180.00 fee set forth in 37 CFR 1.17(p).  
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

(X) Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

( ) A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

- ( ) I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450. Date of Deposit: \_\_\_\_\_
- OR
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Number of pages: 5

Typed Name: Janet Ridpath

Signature: Janet Ridpath

Respectfully submitted,

S. Brandon Keller, et al.

By William A. Rudy

William A. Rudy

Attorney/Agent for Applicant(s)  
Reg. No. **34,916**

Date: Jan. 17, 2006

PTO/SB/08A (08-03)

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Substitute for form 1449A/PTC

**SUPPLEMENTAL  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

**(Use as many sheets as necessary)**

Sheet	1	of	1
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**Complete if Known**

<b>Application Number</b>	10/647,597
<b>Filing Date</b>	August 25, 2003
<b>First Named Inventor</b>	S. Brandon Keller
<b>Art Unit</b>	2825
<b>Examiner Name</b>	Magid Y. Dimyan
<b>Attorney Docket Number</b>	100111221-1

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P. O. Box 272400  
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PATENT APPLICATION  
ATTORNEY DOCKET NO. 100111221-1

JAN 31 2006

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): S. Brandon Keller, et al.

Confirmation No.: 2411

Application No.: 10/647,597

Examiner: Magid Y. Dimyan

Filing Date: Aug. 25, 2003

Group Art Unit: 2825

Title: System And Method For Determining Wire Capacitance For VLSI Circuit

Mail Stop Amendment  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

STATEMENT UNDER 37 CFR 1.97(e)

Sir:

The undersigned hereby certifies that either:

(X) Each item of information contained in the Information Disclosure Statement was cited for the first time in a communication from a foreign patent office in a counterpart foreign application, not more than three months prior to the filing of the statement, or

( ) No item of information contained in the Information Disclosure Statement

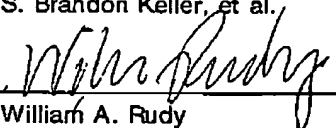
-- was cited in a communication from a foreign patent office in a counterpart foreign application, and

-- to the knowledge of the undersigned, after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56 (c) more than three months prior to the filing of the Information Disclosure Statement.

Respectfully submitted,

S. Brandon Keller, et al.

By

  
William A. Rudy

Attorney/Agent for Applicant(s)

Reg. No. 34,916

Date: Jan. 18, 2006

Telephone No.: (816) 460-5819

Rev 12/04 (Stat197e)